

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

6N11 B Missionary Ridge Place

August 27, 1985

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

In the Matter of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296
			50-327
			50-328
			50-390
			50-391

We have had a special consultant, WESTEC Services, Inc., of Philadelphia, Pennsylvania, under contract in recent weeks conducting an independent review of our Environmental Qualification of Electrical Equipment Program for Browns Ferry, Sequoyah, and Watts Bar. These reviews are being conducted both in the Office of Engineering in Knoxville and at the plant sites. The purpose of this review is to determine how well we have analyzed and documented that key components and safety systems would function in an emergency situation. Although this review has not been completed, there have been problems identified with our environmental qualification program for our Sequoyah Nuclear Plant which we believe warrants shutdown of both units until we have verified that we are in compliance with safety standards established in the Code of Federal Regulations, specifically 10 CFR 50.49.

Shutdown of unit 2 was initiated on August 21, 1985 and shutdown of unit 1 began on August 22, 1985. At this time, we are evaluating the problems identified and the corrective action program necessary for restart of the Sequoyah units. When this reverification program is complete, if any of the components previously identified to NRC as being qualified, by July 9 and July 24, 1985 letters from J. A. Domer to E. Adensam, are subsequently proven to be unqualified, we will notify you as soon as possible. We will keep you informed of the results of our review.

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While our effort is concentrated on Sequoyah, we will also be evaluating the WESTEC findings to determine the extent of any impact on our Browns Ferry and Watts Bar Nuclear Plants. We will keep you informed of our progress in this regard.

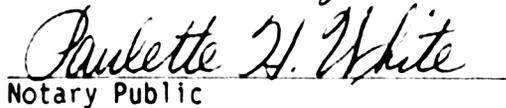
Very truly yours,

TENNESSEE VALLEY AUTHORITY



H. G. Parris, Manager
Power and Engineering (Nuclear)

Sworn to and subscribed before me
this 27th day of August 1985


Notary Public

My Commission Expires 8-24-88

cc: U.S. Nuclear Regulatory Commission
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323